

PUBLIC NOTICE

PERMIT APPLICATION: NRS 07.109

APPLICANT: Carma H. Smith
Tennessee Department of Transportation
Environmental Planning and Permits Division
Suite 900, James K. Polk Building
505 Deaderick Street
Nashville, Tennessee 37243-0338

LOCATION: The proposed alteration is located in Union County on Sharps Chapel Road over two unnamed tributaries to Norris Lake and Norris Lake (36.3457°N, 83.7731°W).

WATERSHED DESCRIPTION: The proposed alterations would impact two unnamed tributaries to Norris Lake, Norris Lake itself and a wetland. All resources are located in the Upper Clinch River watershed (HUC 06010205). The table below describes the tributaries based on information submitted by the applicant.

	Unnamed tributary (S-1)	Unnamed tributary (S-2)
Channel bottom	4 ft.	3 ft.
Top of bank	18 – 20 ft.	8 ft.
Water width	4 ft.	3 ft.
Bank height	2.5 ft.	2.5 ft.
Water depth	1 – 2 in.	1 in. (5 – 6 in. in pools)
Substrate	Gravel, sand, bedrock, silt	Bedrock, silt, large gravel
Canopy	Sycamore, boxelder, white ash	100% jewelweed

The wetland is approximately 0.08 ac. in size. Vegetation consists of boxelder, silver maple, sycamore, red mulberry, and white ash. According to the applicant, the wetland is inundated by the lake throughout portions of the year. Norris Lake has been assessed as fully supporting its classified uses. Those uses include fish and aquatic life, recreation, livestock watering and wildlife, irrigation, domestic water supply, and industrial water supply.

PROJECT DESCRIPTION: The applicant proposes to replace an existing bridge over Norris Lake and the tributaries due to structural deficiencies. The existing bridge would be removed and replaced with 210 ft. of 2-span girder bridge just south of the existing bridge.

Due to the bridge replacement and a new alignment of Sharps Chapel Road, the tributaries would have a total of three sections relocated. The first tributary (S-1) would have 360 ft. of the existing stream relocated into 305 ft. of constructed channel. The second tributary (S-2) would have two sections relocated. Both sections would total 468 ft. of stream relocated into 454 ft. of constructed channel. These sections would have two rows of trees planted on one side of the relocated channel. All relocated channels would have a 5 ft. bottom and 2:1 side slopes. The total of 69 ft. of stream loss due to the relocations would be mitigated for by paying \$13,800.00 (69 ft. x \$200) to the Tennessee Stream Mitigation Program.

The project would also result in the 0.025 ac. of permanent wetland fill and 0.058 ac. of temporary wetland impact.

USGS TOPOGRAPHIC QUADRANGLE: Maynardville, TN (145-SE)

PERMIT COORDINATOR: Trent Thomas

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.

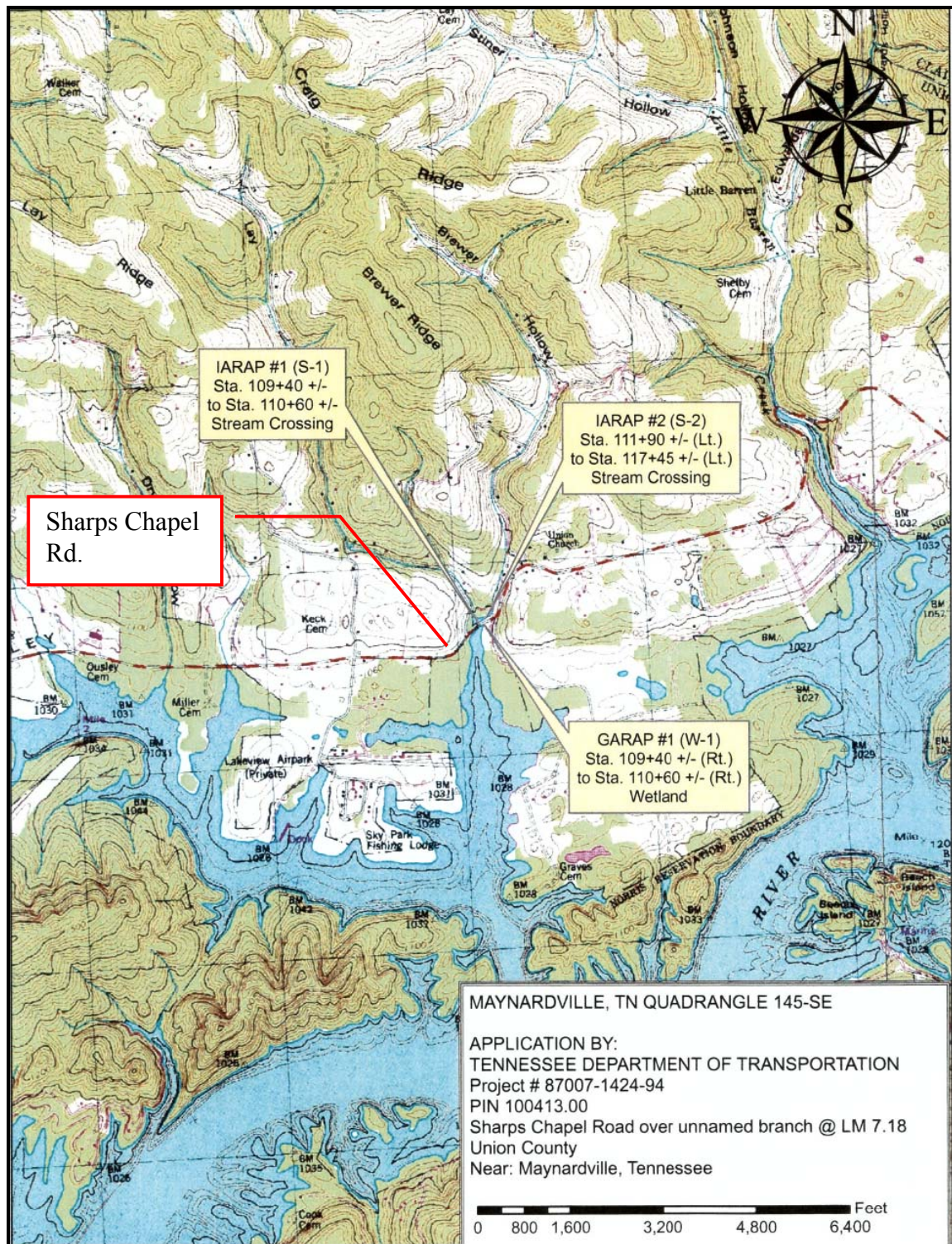


Figure 1: Project location

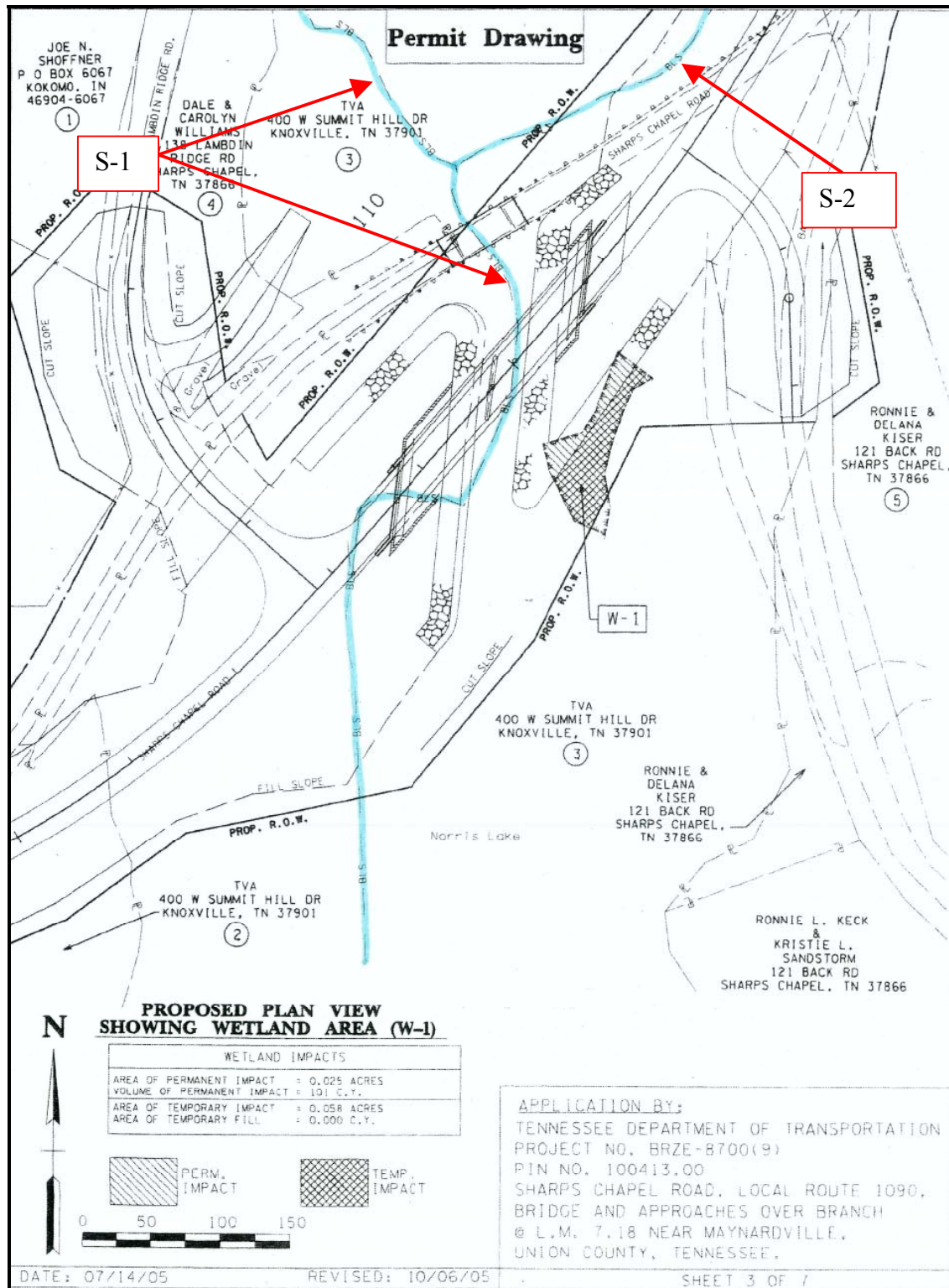


Figure 2: Location of existing stream and proposed bridge

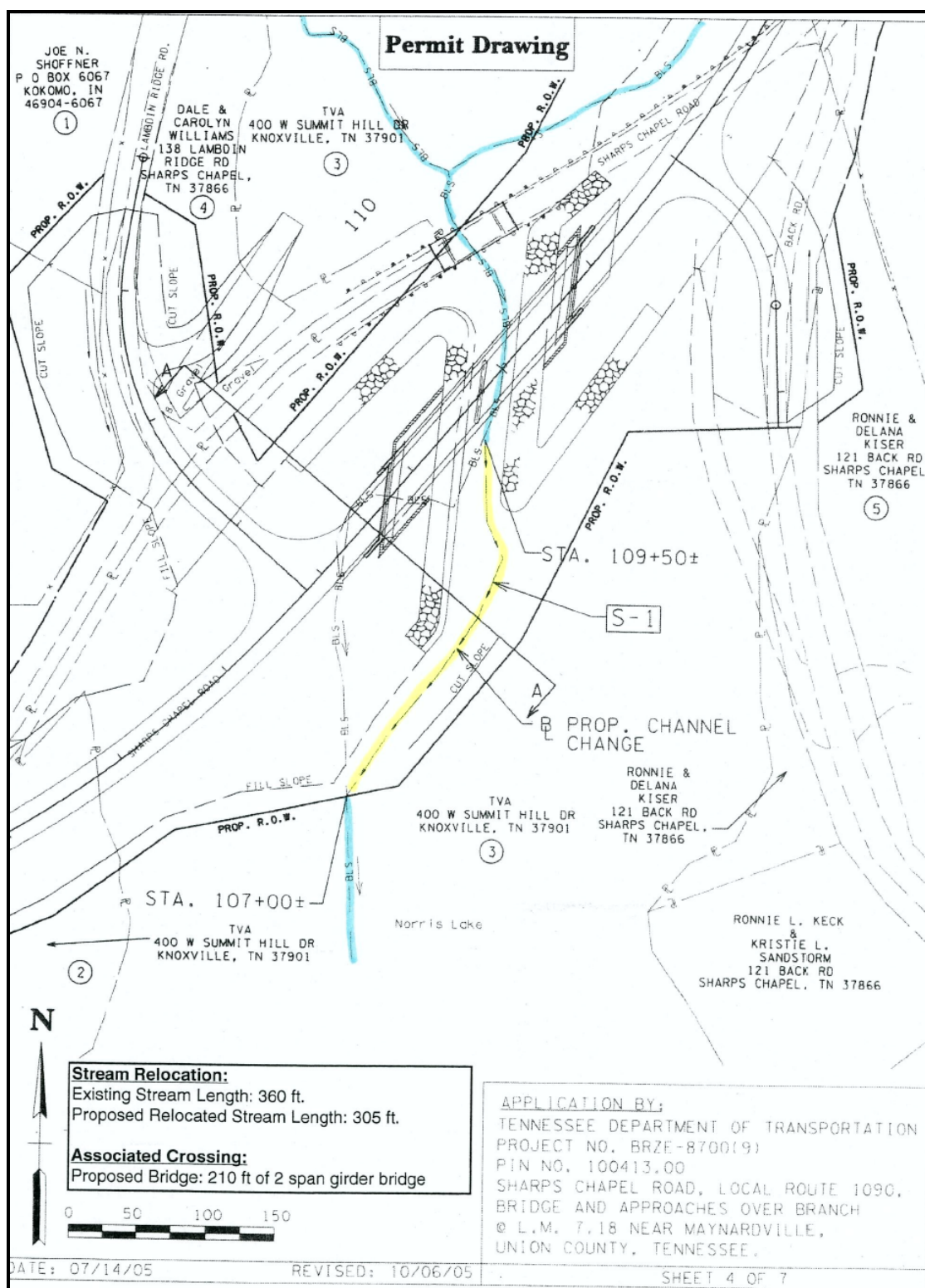


Figure 3: Proposed relocation for S-1

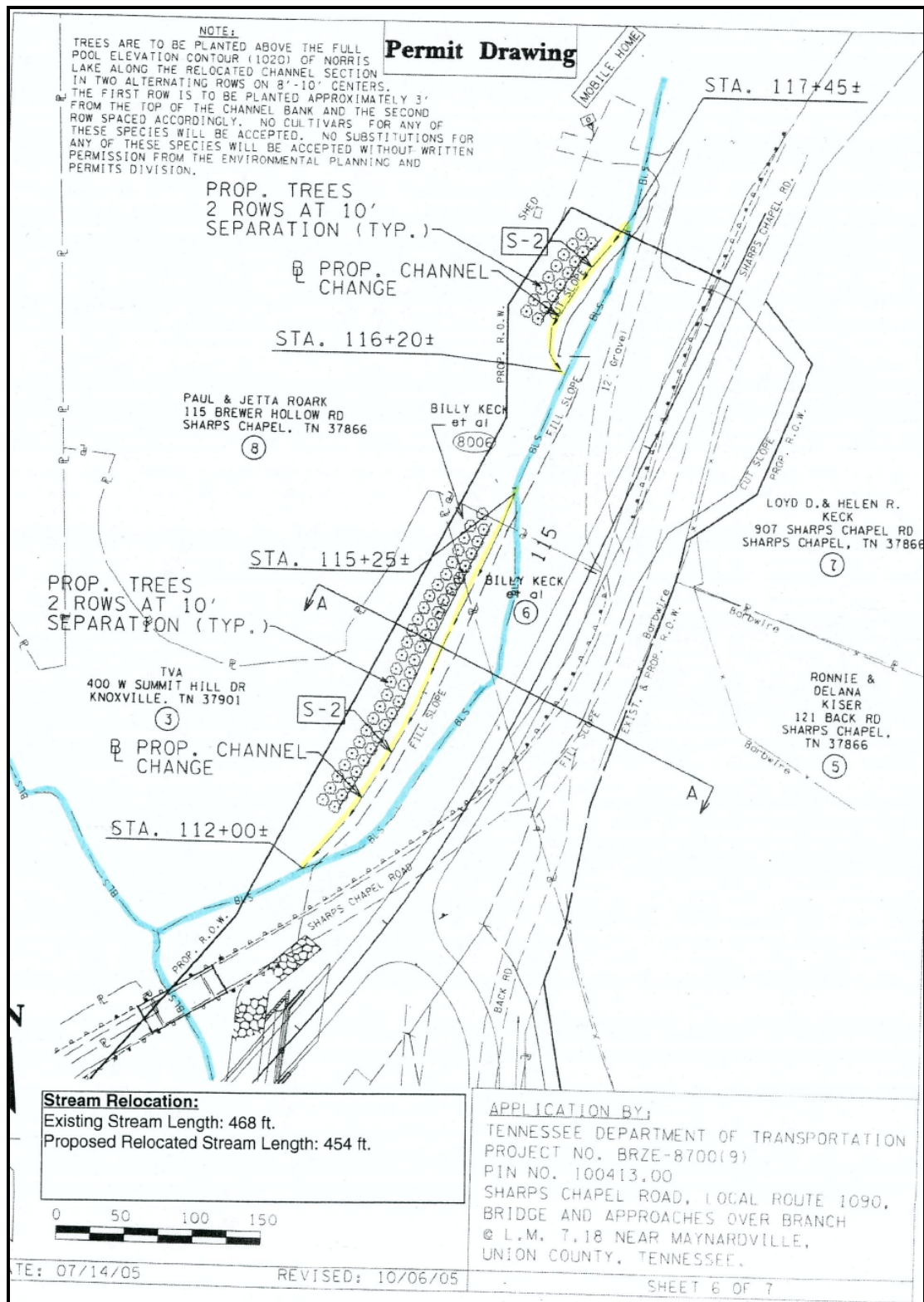


Figure 4: Proposed relocations for S-2

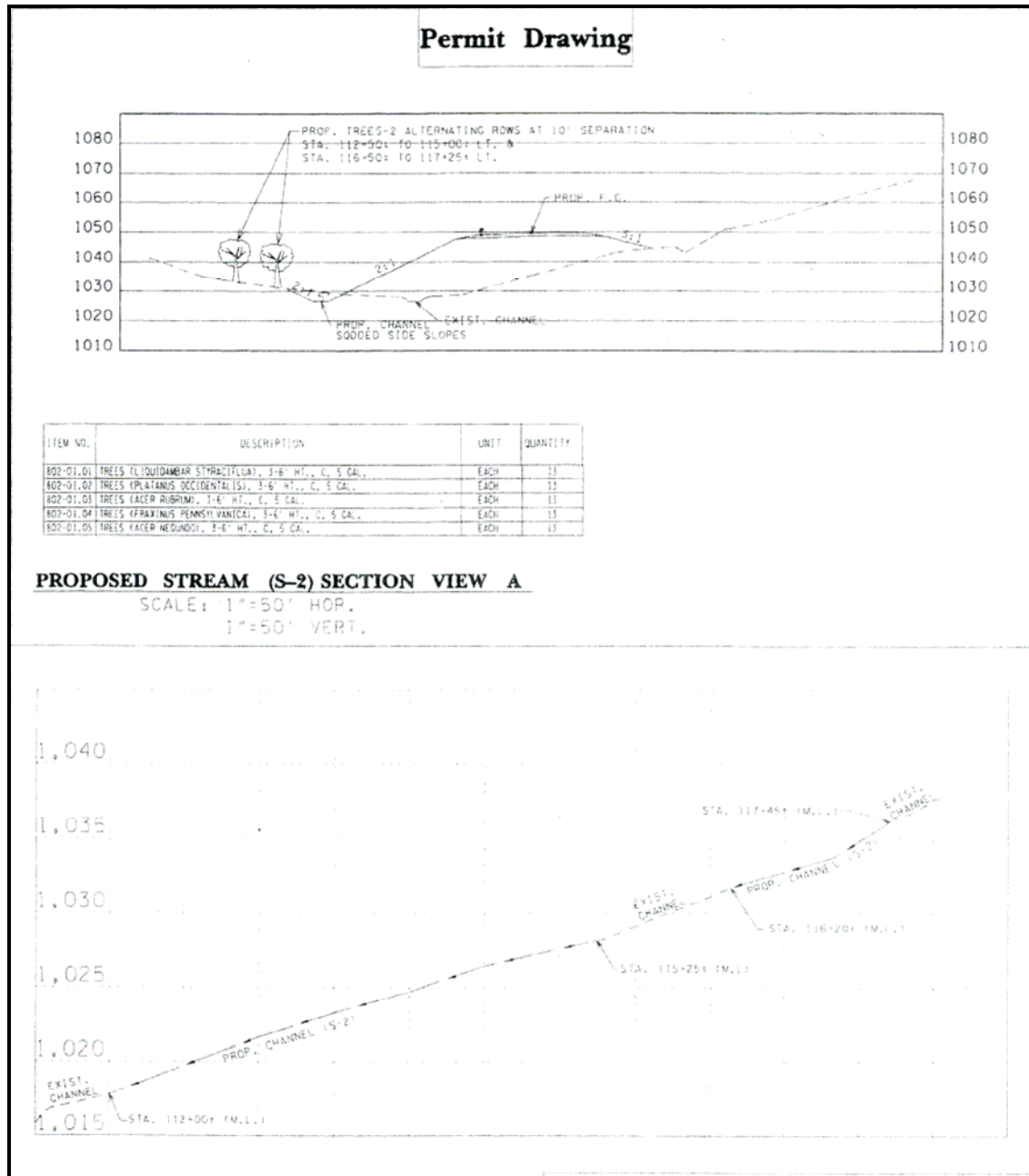


Figure 5: Cross section of S-2 relocation